Electronic Pate	-ur vbb	nication rec	: 11 0113111	ittal			
Application Number:	107	10706656					
Filing Date:	12-	12-Nov-2003					
Title of Invention:	Ma	Maintaining views of cube-based operations in a database system					
First Named Inventor/Applicant Name:	Но	Hong Gui					
Filer:	Jan	James Michael Stover					
Attorney Docket Number:	111	11166 (NCR.0114US)					
Filed as Large Entity	·						
Utility under 35 USC 111(a) Filing Fees							
Description		Fee Code	Quantity	Amount	Sub-Total ii USD(\$)		
Basic Filing:					1		
Pages:							
Claims:							
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							
Extension-of-Time:							
Extension - 1 month with \$0 paid		1251	1	130	130		

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
	Total in USD (\$)			130